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**DATE:** December 16, 2005  
**FILE NO:** NVDA/P000679  
**TO:** Joni Hsu, Examiner  
MAIL STOP AMENDMENT  
**FAX NO:** 571-273-8300  
**COMPANY:** USPTO  
**FROM:** John C. Carey  
**PAGE(S) with cover:** 12  
**ORIGINAL TO FOLLOW?**  YES  NO

**RESPONSE TO OFFICE ACTION DATED SEPTEMBER 16, 2005**

**TITLE:** POSITION CONFLICT DETECTION AND AVOIDANCE IN A PROGRAMMABLE GRAPHICS PROCESSOR  
**U.S. SERIAL NO.:** 10/736,006  
**FILING DATE:** December 15, 2003  
**INVENTOR:** Kirk et al.  
**EXAMINER:** Joni Hsu  
**GROUP ART UNIT:** 2671  
**CONFIRMATION NO.:** 2952

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Atty. Dkt. No. NVDA P000679

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Kirk et al.

Serial No.: 10/736,006

Confirmation No.: 2952

Filed: December 15, 2003

For: POSITION CONFLICT  
DETECTION AND AVOIDANCE  
IN A PROGRAMMABLE  
GRAPHICS PROCESSORMAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

§ Group Art Unit: 2671

§ Examiner: Joni Hsu

CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8	
<p>I hereby certify that this correspondence and the documents referred to as attached therein are being facsimile transmitted to the U.S. Patent and Trademark Office to the fax number indicated by the Examiner, namely, fax number 571-273-8300 to the attention of the named Examiner, on the date below.</p> <p><i>[Signature]</i></p>	
Date	12/16/05
Signature	

## RESPONSE TO OFFICE ACTION DATED SEPTEMBER 16, 2005

In response to the Office Action dated September 16, 2005, having a shortened statutory period for response set to expire on December 16, 2005, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicants believe that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/NVDA/P000679/JCC for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments to the Specification** begin on page 2 of this paper. **Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper. **Remarks/Arguments** begin on page 8 of this paper.

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